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(71) Applicant: **NISSHIN STEEL CO LTD**

(72) Inventor: **YANO HIROKAZU**
UDAGAWA YOSHIKATSU
KAMIKAWA HIDEYASU

(54) PRECOATED STEEL SHEET EXCELLENT IN DURABILITY

(57) Abstract:

PROBLEM TO BE SOLVED: To produce a precoated steel sheet excellent in corrosion resistance and scratching resistance.

SOLUTION: This precoated steel sheet uses a Zn-Al-Mg plated steel sheet provided with a plating layer

containing 4 to 10% Al, 1 to 4% Mg, 0.002 to 0.1% Ti and 0.001 to 0.45% B and having a surface fitted with fine ruggedness by the dispersion of Ti-Al based, Ti-B based and/or Al-B based precipitations, the control of the growth of a crystal grains, pickling roughening, mechanical roughening, or the like, as a precoated original sheet. After the plating layer is subjected to chemical conversion treatment, a coating film is formed.

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